

**AMENDMENTS TO THE DRAWINGS**

Attached are Replacement Sheets of the drawings, which are in line with the helpful suggestions of the Examiner.

Attachment: Replacement Sheet(s)

**REMARKS**

With the entry of the foregoing amendments, claims 1, 3-6, 10-11, and 20-25 are pending in the application. Favorable consideration is requested.

In line with paragraph No. 1 of the Detailed Action, applicants have cancelled the non-elected claims without prejudice and while preserving applicants' rights to file divisional applications thereon.

In line with paragraph No. 2 of the Detailed Action, Figures 1 and 2 have been amended to include the legend PRIOR ART. Figure 6 is not intended to be PRIOR ART, but instead provides context for the described invention, as confirmed by a correct reading of the specification, for example, page 2, line 34 to page 3, line 3. No new matter has been added by the drawing amendments.

In line with paragraph No. 3 of the Detailed Action, applicants are submitting an appropriate Information Disclosure Statement separately.

Before discussing the claim amendments, applicants note that the specification has been amended in line with typical U.S. patent practice. No new matter has been added by the specification amendments.

In paragraph Nos. 5 and 7 of the Detailed Action, claims 1-6, 10-12 and 20 stand rejected under Section 112, first paragraph, and under Section 112, second paragraph. Although applicants disagree with the rejections, the applicants have amended the claims as set forth above and as supported by the specification, for example, pages 2-3, pages 14-15, Figures 2-8 and the Examples. No new matter has been added by the claim amendments, and applicants submit that the claim amendments obviate the Section 112 rejections.

In paragraph No. 11 of the Detailed Action, claims 1-6, 10-12 and 20 stand rejected as allegedly being anticipated by U.S. Patent Publication No. 2002/0122925 (Liu). Although applicants do not agree with the rejection, applicants submit that the claim amendments obviate the anticipation rejection for at least the following reasons.

Although Liu discloses that nano-particles may be present in a hard-coat and that such a hard-coat may be "roughened," there is no disclosure or suggestion in Liu of a **nano-structured** surface as defined by the amended claims. Indeed, Liu states that the "...inclusion of such a roughened surface is optional." See lines 13-14 of paragraph 0032 bridging pages 2 and 3 of Liu. Significantly, although Liu discloses inorganic oxide particles of from 1 to 200 nanometers, it is clear that their presence certainly does not provide for a nano-structured surface (i.e., because the "roughened" surface of Liu's hard-coat is purely optional even with the oxide particles present). Liu also does not disclose or suggest the other specific features recited in claim 1. As a result, Liu does not anticipate or render obvious the claimed invention.

In view of the foregoing amendments and remarks, applicants submit that this application is in condition for allowance. A notice to that effect is earnestly solicited.

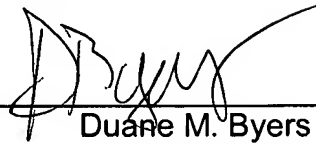
If the examining attorney has any questions concerning this application, the undersigned may be contacted at 703-816-4009.

THEIS et al  
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Respectfully submitted,

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